

ABSTRACT OF THE DISCLOSURE

In an apparatus 10, a space is formed by a pair of impermeable supports 16 and a pair of spacer members 12 for providing a predetermined distance between the impermeable supports 16. A permeable membrane is provided within the space and outlets 15 are provided on each of the pair of impermeable members 16. A stirrer 20 is provided within the space where the permeating object is present, and comprises a stirring axis 22, a driving source for oscillating the stirring axis 22, and a plurality of stirring blades 24 mounted on the stirring axis 22. Cut sections 26 are provided at a portion of each of the stirring blades 24 so that the permeating object can be circulated at the space between the stirring blade 24 and the inner wall of the spacer member 12 or at the space between the stirring blade 24 and the permeable membrane 14. The cut sections are alternately provided at the right and left sides of the layered stirring blades.